



Attorney Docket No: 0019696-0154

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Otto, *et al.* Examiner: Kyung S. Lee  
Serial No.: 09/488,742 Art Unit: 2832  
Filing Date: January 20, 2000  
Title: CURRENT LIMITING COMPOSITE MATERIAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 8, 2003.

  
Susan M. Dinsmore

Sir:

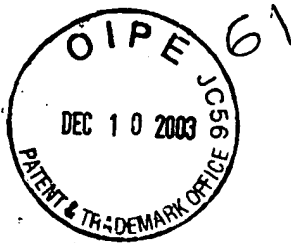
**OFFICE ACTION RESPONSE UNDER 37 C.F.R. § 1.116**

This Response to Office Action is filed in response to the Final Office Action mailed August 21, 2003, rejecting claims 1-31. The cited references are U.S. Patent Nos. 5,296,456 (hereinafter, "Shiga"), 4,079,187 (hereinafter, "Fillunger") and 4,994,633 (hereinafter, "Puhn"). The following amendments and remarks remove all grounds for rejection of the application, thereby placing it in condition for allowance.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

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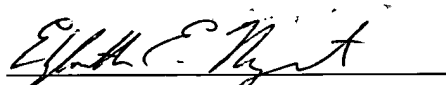
**TRANSMITTAL**

Enclosed herewith please find:

- 1) Office Action Response Under 37 C.F.R. §1.116 (9 pgs.);
- 2) Petition for Extension of Time Under 37 C.F.R. §1.136;
- 3) Check in the amount of \$110.00; and
- 4) Return Postcard.

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully submitted,

  
Elizabeth E. Nugent, Ph.D.  
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Dated: December 8, 2003

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